

भारत का विद्युत पत्र The Gazette of India

भारत का विद्युत पत्र

प्रकाशित द्वारा अधिकारी



सं. 13]

नई विल्ली, शनिवार, मार्च 30, 1996 (चैत्र 10, 1918)

No. 13] NEW DELHI, SATURDAY, MARCH 30, 1996 (CHAITRA 10, 1918)

इस भाग में भिन्न पुष्ट संख्या दी जाती है कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 30th March 1996

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Telegraphic address "PATENTS".

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The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu and the Union Territories of Pondicherry, Laccadive, Minicoy and Amindivi Islands.

Telegraphic address "PATENTOFFIC".

Patent Office (Head Office),
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Building, 5th, 6th and 7th Floor,
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Calcutta-700020.

Rest of India

Telegraphic address "PATENTS".

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

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पेटैंट कार्यालय

एकत्र सथा अभिकल्प

कलकत्ता, दिनांक 30 मार्च 1996

पेटैंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटैंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्राविधिक क्षेत्राधिकार जॉन के आधार पर निम्न रूप में प्रवर्णित हैं।

पेटैंट कार्यालय शाखा, टोडी इस्टेंट
तीसरा तल, लोअर परेल (पश्चिम),
बम्बई-400013।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश, राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, बम्न तथा दीव एवं दादरा और नगर इव्वली।

सार पता—“पेटैंटोफिस”

पेटैंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती भार्ग, करोल बाग,
नई दिल्ली-110005।

हरिगणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र अण्डोगढ़ तथा दिल्ली।

सार पता—“पेटैंटोफिस”

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent bracket are the dates claimed under section 135, of the patent Act, 1970.

The 27th November 1995

1518/Cal/95. Samsung General Chemicals Co. Ltd., A method for Producing Catalyst for Ethylene Polymerization and Ethylene/Alpha-Olefin Copolymerization.

1519/Cal/95. Daewoo Electronics Co. Ltd., Ice removal device for use in an ice maker and method for controlling same (Conventional No. 94-31795 & 94-31796 on 29-11-94 in Republic of Korea).

1520/Cal/95. Daewoo Electronics Co. Ltd., Apparatus for decoding a signal encoded by using trellis coded modulation. (Conventional No. 9431481 on 28-11-94 in Republic of Korea).

1521/Cal/95. Lg Electronics Inc., Fan Heater. (Conventional No. P94-31541 on 28-11-94 in Republic of Korea).

1522/Cal/95. Zomed International, Inc. Multiple Electrode Ablation Apparatus.

1523/Cal/95. Wavelink Communications, Cellular base station with intelligent call routing. (Conventional No. 08/434,598 on 04-05-1995 USA).

पेटैंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु, राज्य भेजे एवं संघ शासित क्षेत्र पाण्डित्यरी, लकड़ीप, प्रिनिकाय तथा एस्निदिवि द्वीप।

तार पता—“पेटैंटोफिस”

पेटैंट कार्यालय (प्रधान कार्यालय),
निजाम पैसेस, द्वितीय ब्लूटलीय कार्यालय,
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020।

भारत का असशेष क्षेत्र।

तार पता—“पेटैंटोफिस”

पेटैंट अधिनियम, 1970 या पेटैंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटैंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किये जायेंगे।

इनक—इन्होंकी अदायगी या तो नक्कह की जायेगी अथवा उपयुक्त कार्यालय में नियंत्रक को भूगतान योग्य धनावेश अथवा छाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुमति छाक से नियंत्रक को भूगतान योग्य छाक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

1524/Cal/95. Wavelink Communications International, Ltd., Cellular Private Branch Exchanges. (Conventional No. Nill on 20-11-95 in U.S.A.).

1525/Cal/95. Wavelink Communication International, Ltd., Method and Apparatuses for an Intelligent Switch. (Conventional No. Nill on 20-11-95, in U.S.A.).

1526/Cal/95. Wavelink Communications, Spread Spectrum Communications Network with Adaptive Frequency agility (Conventional No. 08/434/597 on 4th May, 1995 in U.S.A.).

1527/Cal/95. Wavelink Communications Spread Spectrum Communications Network Signal Processor. (Conventional No. 08/434/554 on 04-05-95 in U.S.A.).

1528/Cal/95. B. K. Bora. A withering Trough.

1529/Cal/95. Brose Fahrzeugteile GMBH & Co. Kg., Vehicle Door. (Conventional No. P4444406.0 on 14-12-94 in Germany).

1530/Cal/95. Hoechst Aktiengesellschaft. Dyestuff Mixtures of water-soluble fibre-reactive azo dyestuffs, Processes for their preparation and their use. (Conventional No. P447276.5 on 30-12-94 in Germany).

1531/Cal/95. Nellcor Puritan Bennet Incorporated., Monitoring System for delivery of therapeutic gas.

APPLICATION FOR THE PATENT FILED AT PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, THIRD FLOOR, KAROL BAGH, NEW DELHI-110 005.

The 11th September 1995

1661/Del/95. Eugenhard ICC., U.S.A., "Rotatably Supported Regenerative Fluid Treatment Wheel Assemblies."

1662/Del/95. United Nations Industrial Development Organisation, "Process for the preparation of recombinant Gamma Interferon of Exceptional Purity."

The 12th September 1995

1663/Del/95. Kesari Chhajer, Rajasthan. "Air Cooling Device."

1664/Del/95. The Procter & Gamble Company, U.S.A., "Oral Composition." (Convention date 15th September, 1994)—U.S.A.

1665/Del/95. The Procter & Gamble Company, U.S.A., "Dentifrice Compositions." (Convention date 26th September, 1994)—U.S.A.

1666/Del/95. Automatic Switch Company, U.S.A., "A four-way slide valve."

1667/Del/95. Nucleos France, France. "Device for Dehydrating Aqueous Liquids by means of Evaporation."

1668/Del/95. Dunlop Limited, England, "Sequential Selective Operation of Aircraft Brakes." (Convention date 14th September, 1994)—U.K.

1669/Del/95. Commodore Laboratories, Incorporated, U.S.A., "Methods of Decontaminating Soils containing hazardous Substances." (Convention date 7th June, 1995) —U.S.A.

1670/Del/95. Stahl International B. V., Netherland, "Water-Borne Functionalised Polymers." (Convention date 12th September, 1994)—U.K.

1671/Del/95. Coleman Powermate, Inc., U.S.A., "Light Weight Genset."

1672/Del/95. Commodore Laboratories, Incorporated, U.S.A., "Method of Decontaminating Soils containing Hazardous Metals." (Convention date 23rd August, 1995)—U.S.A.

The 13th September, 1995

1673/Del/95. Roussel Uclaf, France, "New Pesticide Formulations and their preparation process."

1674/Del/95. Pfizer Research and Development Company, N.V./S.A., Ireland, "Quinoxaline Derivatives useful in Therapy." (Convention date 24th September, 1994)—U.K.

1675/Del/95. Pfizer Inc., U.S.A., "2, 7-Substituted Octahydro-1H-Pyrido (1, 2-A) Pyrazinederivatives."

1676/Del/95. Rohm and Haas Company, U.S.A., "Recyclable Bulk Bag Containers."

1677/Del/95. Allegheny Ludlum Corporation, U.S.A., "Method for applying aluminum coating to Fabricated Catalytic Exhaust System Component."

1678/Del/95. Electrolux Leisure Appliances AG., Switzerland, "Sorption Refrigerating Unit." (Convention date 6th March, 1995)—Germany.

The 14th September 1995

1679/Del/95. Central Electronics Limited, U.S.A., "A portable driver testing device."

1680/Del/95. GEC Alsthom Stein Industrie, France, "Expansion joint for hot pipes."

1681/Del/95/. John Lawson Glidden, U.S.A., "Wool

1682/Del/95. Motorola, Inc., U.S.A., "Cellular Telephone Battery having a selective call receiver."

1683/Del/95. Motorola, Inc., U.S.A., "Wireless Communication System with trunked signal voting."

The 15th September 1995

1684/Del/95. Council of Scientific and Industrial Research, New Delhi, "A process for the production of Rice Husk Ash Nodules/Pellets useful as a heat insulator."

1685/Del/95. Council of Scientific and Industrial Research, New Delhi, "An improved process for the preparation of Quaternary Ammonium Hydroxides and an improved electrochemical cell therefor."

1686/Del/95. Council of Scientific and Industrial Research, New Delhi, "An improved Air Conditioner useful for cooling an enclosure."

1687/Del/95. Council of Scientific and Industrial Research New Delhi, "An improved process for the preparation of a polymer layer substrate for storing information useful for aligning liquid crystals and making a patterned liquid crystal display therefrom".

1688/Del/95. Council of Scientific and Industrial Research, New Delhi, "An improved process for the preparation of Adipic Acid by the Oxidation of cyclohexane."

1689/Del/95. Council of Scientific and Industrial Research, New Delhi, "An improved process for the manufacture of moisture cure liquid diphenyl methane Di-isocyanate Urethane Glue Composition."

1690/Del/95. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of pressure sensitive Adhesives and Wood substitute panels from Gum Olibanum."

1691/Del/95. Council of Scientific and Industrial Research, New Delhi, "A process for the preparation of Milled Malted Cereals useful for preparing Enzyme Rich Flour."

1692/Del/95. T. George, Ghaziabad, U.P., "Air Conditioned Sleeping Chamber."

1693/Del/95. The Proctor & Gamble Company, U.S.A. "Biodegradable polymeric compositions and products thereof. (Convention date 16-09-1994)—U.S.A.

1694/Del/95. The Proctor & Gamble Company, U.S.A., "Paper products containing a vegetable oil based chemical softening composition." (Convention date 20-09-1994)—U.S.A.

1695/Del/95. The Proctor & Gamble Company, U.S.A., "Process for making a high density detergent composition which includes selected recycle streams for improved agglomerate properties." (Convention date 16-09-1994)—U.S.A.

1696/Del/95. The Proctor & Gamble Company, U.S.A., "Process for making a high density detergent composition in a single mixer/densifier with selected recycle streams for improved agglomerate properties." (Convention date 20-09-1994)—U.S.A.

1697/Del/95. The Standard Oil Company, U.S.A., "Improvement of Fluid Bed Catalysts."

1698/Del/95. Scanvaegt A/S, Denmark, "Method and apparatus for weight controlled portioning of articles having non-uniform weight." (Convention date 15th September, 1994)—Denmark.

1699/Del/95. Fresenius AG., Germany, "Process for manufacture of starch break-down products."

1700/Del/95. John Edward Seymour, U.K., "Alarm Systems." (Convention date 11th October, 1994)—U.K.

1701/Del/95. Boehringer Ingelheim KG., Germany, "Neurokinin Antagonist." (Convention date 17th September, 1994 and 3rd June, 1995)—Germany.

1702/Del/95. Spark Engineering Pvt. Ltd., Delhi, "A Bicycle Derailleur Gear shifting system."

The 18th September 1995

1703/Del/95. The Procter & Gamble Company, U.S.A., "Absorbent article having inflected barrier cuffs" (Convention date 21-09-1994)—U.S.A.

1704/Del/95. The Procter & Gamble Company, U.S.A., "Method for making a capillary laminate material" (Convention date 07-09-1995)—U.S.A.

1705/Del/95. The Glacier Metal Company Limited, England, "Improvements in and relating to filters" (Convention date 16th September, 1994 and 16th August, 1995)—U.S.A.

1706/Del/95. British Technology Group Ltd., England "Fluid Film Bearings."

1707/Del/95. Amic Industries Limited, South Africa, "Housing for Electricity Dispenser." (Convention date 16th September, 1994)—South Africa.

1708/Del/95. Solvay Interox (Societe Anonyme), Belgium, "Process for the manufacture of Persat Particles."

1709/Del/95. Brian Keith Hamilton, Brent Alan Parks, U.S.A., and Toshio Shimada, Japan, "Compact Hybrid Inflator." (Convention date 11th September, 1995)—U.S.A.

1710/Del/95. Brian Deith Hamilton, and Brent Alan Parks, U.S.A., "Hybrid Inflator with a valve." (Convention date 11th September, 1995)—U.S.A.

1711/Del/95. Brian Deith Hamilton and Brent Alan Parks, U.S.A., "Hybrid inflator with rapid pressurization based flow initiation assembly."

1712/Del/95. ADA Technologies, Inc., U.S.A., "Method and apparatus for removing undesired particles from gas streams." (Convention date 7th June, 1995)—U.S.A.

1713/Del/95. Brian Keith Hamilton, Brent Alan Parks, U.S.A., and Mitsuya Enatsu, Japan, "Compact side inflator." (Convention date 11th September, 1995)—U.S.A.

1714/Del/95. Brian Keith Hamilton and Brent Alan Parks, U.S.A., "Hybrid Inflator with coaxial chamber." (Convention date 11th September, 1995)—U.S.A.

The 19th September, 1995

1715/Del/95. General Electric Company, U.S.A., "Quantum Splitting Oxide Phosphorus and method of making same." (Convention date 3-1-1995 and 3-1-1995)—U.S.A.

1716/Del/95. General Electric Company, U.S.A., "Flue Gas scrubbing apparatus." (Convention date 5-12-1994)—U.S.A.

1717/Del/95. Piaggio Veicoli Europei S.P.A., Italy, "Valve arrangement in an internal combustion engine." (Convention date 20th June, 1995)—Italy.

1718/Del/95. Duracell Inc., U.S.A., "Electrochemical Cell label with integrated tester." (Convention date 29th September, 1994 and 1st June, 1995)—U.S.A.

The 19th September 1995

1719/Del/95. Alcatel N. V., Netherlands, "Fixed Cellular Terminal for two-wire Telecommunications Services."

1720/Del/95. Chandra Sekar, U.S.A., "Method of making a paint Roller". (Convention date 24th May, 1995)—U.S.A.

1721/Del/95. Asian Micro Sources, Inc., U.S.A., "Universally interchangeable and modular power supply with integrated battery charger". (Convention date 29th August, 1995)—U.S.A.

1722/Del/95. The Procter & Gamble Company, U.S.A., "Nonaqueous Bleach-Containing Liquid Detergent Compositions". (Convention date 26-09-1994)—U.S.A.

1723/Del/95. The Procter & Gamble Company, U.S.A., "Process for preparation Non-Aqueous, Bleach-Containing Liquid Detergent Composition". (Convention date 26-09-1994)—U.S.A.

1724/Del/95. The Procter & Gamble Company, U.S.A., "Detergent Compositions". (Convention date 22-09-1994)—U.K.

1725/Del/95. The Procter & Gamble Company, U.S.A., "Detergent Compositions". (Convention date 22-09-1994)—U.K.

The 20th September 1995

1726/Del/95. Rajesh Sharma & Mohit Agarwal, Delhi, "Air Filter".

1727/Del/95. The Gillette Company, U.S.A., "Soap-Free Self Foaming Shave Gel Composition". (Convention date 22nd September, 1994)—U.S.A.

1728/Del/95. The General Hospital Corporation, U.S.A., "Use of a Non-Mammalian DNA Virus to express an Exogenous Gene in a Mammalian Cell". (Convention date 23rd September, 1994 and 17th June, 1995)—U.S.A.

1729/Del/95. Mitsui Petrochemical Industries, Ltd., Japan, "Olefin Polymerization Catalyst and process for Olefin polymerization."

1730/Del/95. Shell Internationale Research Maatschappij B.V., Netherlands, "Process for preparing 1, 3-e Alkanediols and 3-Hydroxyaldehydes."

1731/Del/95. Shell International Research Maatschappij B.V., Netherlands, "Process for preparing 1, 3-Alkanediols and 3-Hydroxyaldehydes."

1732/Del/95. Hohm and Hass Company, U.S.A., "Method of Inhibiting Corrosion in Aqueous Systems."

1733/Del/95. Kohm and Haas Company, U.S.A., "Method of Inhibiting Sulfate Scale in Aqueous Systems."

1734/Del/95. Sandeep Dakshini, Haryana and Kalpattu Pattiabhirama Ramalingam, Madras, "Energy Saving device for any design of electric flash/torch lights".

1735/Del/95. The Procter & Gamble Company, U.S.A., "Absorbent article with improved elasticized waistband". (Convention date 20-98-1994) U.S.A.

1736/Del/95. The Procter & Gamble Company, U.S.A., "Dye transfer inhibiting compositions containing betaines". (Convention date 30-09-1994) U.K.

1737/Del/95. The Procter & Gamble Company, U.S.A., "Fastening tape for a sanitary article, particularly disposable diaper". (Convention date 30-09-1994) U.K.

1738/Del/95. The Procter & Gamble Company, U.S.A., "Block Copolymers for improved viscosity stability in concentrated fabric softeners". (Convention date 30-9-1994) U.K.

1739/Del/95. Heart Technology, Inc., U.S.A., "Enhanced performance guidewire". (Convention date 23-9-1994) U.S.A.

21-9-95

- 1740/Del/95. Dimotech Ltd., Israel. "Underwater two-phase Ramjet Engine".
 1741/Del/95. Pfizer Inc., U.S.A. "5-Lipoxygenase inhibitors".
 1742/Del/95. Pfizer Inc., U.S.A. "Benzofused compounds".
 1743/Del/95. Exxon Chemical Patents, Inc., U.S.A. "High impact polyphenylene ether compositions".
 1744/Del/95. Hughes Aircraft Company, U.S.A. "Apparatus for and method of broadcast satellite network return-link signal transmission".

22-09-95

- 1745/Del/95. Bharat Heavy Electricals Ltd., New Delhi. "Automated guided vehicle system".
 1746/Del/95. Japan Metal Gasket Co., Japan. "Metallic Gasket". (Convention date 22nd November, 1994, 3rd March, 1995 and 7th July, 1995) Japan.
 1747/Del/95. Eric Marteau D'Autry, France. "A pipette for dispensing successive volumes of Liquid".
 1748/Del/95. Sony Corporation, Japan. "Method and apparatus for recording on and/or reproducing from recording media".
 1749/Del/95. C-Lal Electricals & Mechanicals, Haryana. "A multi purpose bowl".
 1750/Del/95. Coproco Development Corporation, U.S.A. "Process for recovering copper from copper-containing material". (Convention date 1st July, 1995) U.S.A.

ALTERATION DATA UNDER SECTION-16

176271 (399 DEL 89)	Filed on 4-5-1989 Ante-dated to 25-7-86.
176272 (324 DEL 89)	Filed on 19 June 1989 Ante-dated to 23 September 1986.
176273 (602 DEL 89)	Filed on 6 July 1989. Ante dated to 23rd Oct 1986.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page is Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतदद्वारा यह रूपना दो जातों है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अधिकार के प्रिरोध करने के उपचार कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रम ऐसी अवधि जो उक्त 4 महीने का अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकत्र के उपचार कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में वथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है ।"

रूपांकन (चित्र आरेंस) की फोटो प्रतियां यदि क्षेत्र हो, के गाथ विनिर्देशों को टांगत 3.थवा फोटो प्रतियां की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपचार शास्त्र कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा भारतीय लिखित करने के उपग्रह उसकी अदादातों पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेस कागजों को जोड़कर उसे 2 से गुणा करके, (व्याकें प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार द्वा प्राप्त करना चाहिए जो भक्ता है।

Ind. Cl. : 32 F 38

176271

Int. Cl. : C 07 C 55/10.

A PROCESS FOR MAKING A WATER DISPERSIBLE HYDROCARBYL-SUBSTITUTED SUCCINIC ACID AND/OR ANHYDRIDE/AMINE TERMINATED POLY (OXY-ALKYLENE) REACTION PRODUCT.

Applicant : THE LUBRIZOL CORPORATION, OF 9400 LAKELAND BOULEVARD, WICKLIFFE, OHIO, 44092, UNITED STATES OF AMERICA.

Inventor : JOHN JESLEY FORSBERG.

Application for Patent No. 399/Del/89 filed on 4-5-89.

Divisional to Patent Application No. 679/Del/86 filed on 25-7-86.

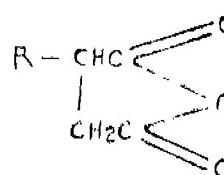
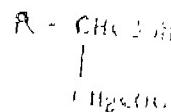
Anti dated to 25-7-86.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

25 Claims

A process for making a water-dispersible hydrocarbyl-substituted succinic acid and/or anhydride/amine terminated poly (oxyalkylene) reaction products comprising reacting

(A) At least one hydrocarbyl-substituted succinic acid and/or anhydride represented by the formula IA or IB of the accompanying drawings

IAIB

Wherein R is a hydrocarbyl group of from 8 to 40 carbon atoms, with

(B) at least one water dispersible amine terminated poly (oxyalkylene) at a temperature in the range from the highest melt temperature of (A) and (B) up to the lowest of the decomposition temperatures of (A), (B) or the products such that the ratio of equivalents of component (A) to component (B) ranges from 0.1 : 1 to 8 : 1, said process being carried out under amide-forming conditions to obtain both an amide and an acid, thereby forming an amide/acid, and neutralising the amide/acid product of (A) and (B) by reacting the amine acid reaction product with

(C) one or more alkali metals, one or more amines, or a mixture of one or more alkali metals with one or more amines at a temperature in the range from the highest of the melt temperatures of the amide/acid reaction product and the amine and/or metal base for the alkali metal to the lowest of the decomposition temperatures of the amide/acid reaction product and the amine and/or metal base for the alkali metal.

(Compl. Specn. 34 pages

Dgn. 2 sheets)

Ind. Cl. : 32 IV (2C) - IX (1)

176272

Int. Cl. : C 07 C, 102/02.

A PROCESS FOR PREPARING SUBSTITUTED SUCCINIMIDE DERIVATIVES.

Applicant : THE LUBRIZOL CORPORATION, OF 29400 LAKEPLAND BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventor : RICHARD HUBER WALSH.

Application for Patent No. 524/Del. 89 filed on 19-6-89.

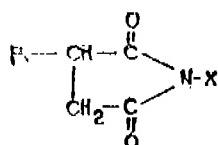
Ante-dated to 23-9-86.

Divisional to Patent Application No. 841/Del/86 filed on 23-9-86.

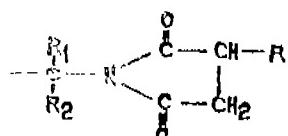
Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110005

5 Claims

A process for the preparation of substituted succinimide derivative of the general formula II of the accompanying drawings



wherein X is a group of formula III wherein

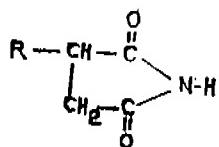


R₁ and R₂ are each independently hydrogen or an alkyl group containing up to 8 carbon atoms,

R₁ and R₂ are each independently hydrogen or an alkyl group containing up to 8 carbon atoms,

which comprises reacting in the presence of 0.05% to 2% by weight of the reaction mixture of a catalytic base;

(a) one or more substituted succinimides of the general formula VI of the drawings wherein



R has the meaning stated above with

(b) one or more carbonyl compounds of the general formula VII of the drawings



wherein R₁ and R₂ have the meanings stated above, the reaction being effected at a ratio of moles of succinimide to moles of carbonyl compounds of 2:1 and at a temperatures of from 140°C up to just below the decomposition temperatures of any components of the reaction mixture.

(Compl. specn. 47 pages

Dgn. 1 sheet)

Ind. Cl. 187C

176273.

Int. Cl. : H 04M 3/00

An AFC and symbol timing tracking system for a subscriber unit.

Applicant : INTERNATIONAL MOBILE MACHINES CORPORATION, of 100 North 20th Street, Philadelphia, Pennsylvania 19103, United States of America.

Inventors : DAVID NORTON CRITCHLOW, GRAHAM MARTIN AVIS, SANDRA JANE KAY EARLAM, KARLE JOSEPH JOHNSON, BRUCE ALBERT SMETANA, GREGORY LEE WESTLING.

Application for Patent No. 602 DEL 89 filed on 6-7-89.

Divisional to Patent Application No. 937 Del 86 filed on 23-10-86. Ante-dated to 23-10-86.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110 005.

2 Claims

An AFC and symbol time tracking system for a subscriber unit comprising;

an input for receiving a signal based on equalized I and Q samples;

a first subtractor connected to said input and a first output of a filter for subtracting a phase corrected values from a detected phase to provide a corrected phase;

a symbol detector and quantizer connected to an output of said first subtractor for detecting a symbol phase and quantizing it to a predetermined nearest increment;

a second subtractor connected to the output of the first subtractor and the symbol detector and quantizer for subtracting the quantized phase from said corrected phase;

said second subtractor also having an output connected to said filter to compute a phase correction value as well as frequency correction signal; and

symbol time tracking module coupled to the output of the symbol detector and quantizer, and the second subtractor, for providing an output for adjusting clocking signal.

(Complete Specification 26 Pages Drawing Sheets 2).

Ind. Cl. 35E

173274

Int. Cl.¹ C84B 35/00, 41/00.**A CERAMIC ELEMENT FOR EQUIPPING REGENERATORS OF GLASS MELTING FURNACES.**

Applicant : SOCIETE EUROPEENNE DES PRODUITS REFRACTAIRES of Les Miroirs, 18 avenue d' Alsace, 92400 Courbevoie, France.

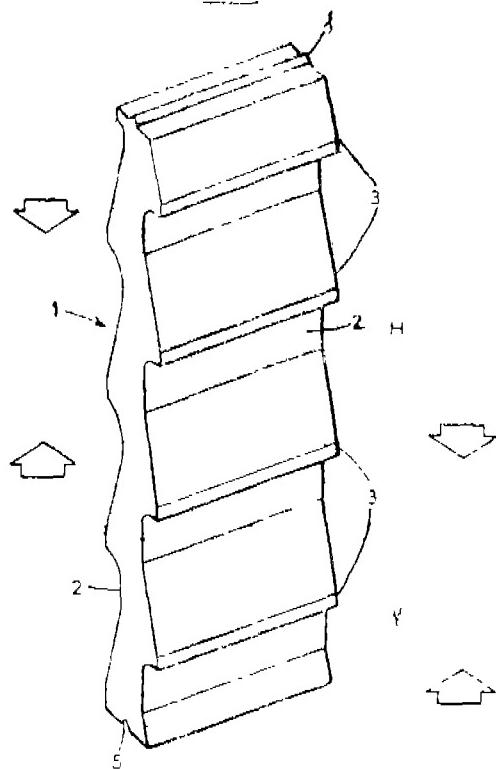
Inventors : PAUL BERNARD ALAIN ZANOLI JOSEPH RECASENS.

Application for Patent No. 605 DEL 89 filed on 7-7-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110 005.

5 Claims

A ceramic element for equipping regenerators of glass melting furnaces, having at least one vertical wall, the mean thickness of which is at the most 40 mm, characterized by the presence, on at least a portion of opposite faces of said wall, of a plurality of obstacles forming an integral part of the element, the protrusion of the obstacles relative to the base surface of each face of the wall being at least 5 mm, the ratio of the distance separating two consecutive obstacles in the vertical direction to the said protrusion being between 3 and 15, and the angle x formed by the obstacle with the base surface of the wall in the given direction of movement of the fumes and the angle y formed by the obstacle with the base surface of the wall in the given direction of movement of the air to be heated being such that x is less than y the obstacles on one vertical wall face being staggered in a vertical direction relative to the obstacles on the opposite vertical wall face.

FIG. 1

(Complete Specification 12 pages 9 Drawings Sheets).

Ind. Cl. 145 B

176275

Int. Cl.¹ C08B 3/06

A method for manufacturing shredded cellulosic material.

Applicant : COURTAULDS PLC, of 18 Hanover Square, London W1A 2BB, United Kingdom.

Inventor : RICHARD BURLEY, LUCIAN STANISLAW SLOTA

Application for Patent No. 606 DEL 89 filed on 7-7-89. Convention date 15-7-88/8816864.6/GB.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110 005.

11 Claims

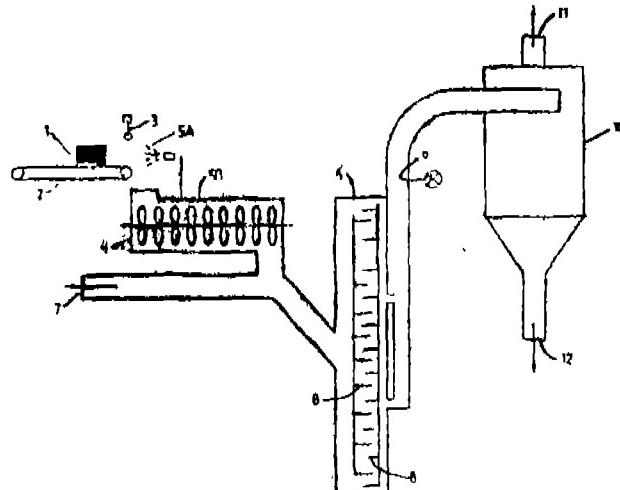
A method of manufacturing shredded cellulosic material comprising:

treating a supply of cellulosic sheet material such as herein described with water to produce a wetted material, the wetted material containing 40 to 80 percent by weight water based on dry weight of the cellulosic material;

shredding the wetted material and simultaneously drying it with the aid of hot drying gas without deactivation of the cellulose;

carrying the shredded and dried material, having a moisture content of 4 to 15 percent by weight based on the dry weight of the material, in the stream of drying gas, which has an exit temperature of no more than 110°C; and

separating the shredded and dried material from the gas.



(Complete Specification 12 Pages Drawing Sheet 1).

Ind. Cl. 51D; LXVI (2)

173276

Int. Cl.¹ B 26B 21/40

Dispenser for razor blade units.

Applicant : WILKINSON SWORD OESELLSCHAFT MIT BESCHARAKTER HAFTUNG A German company, of Schutzenstr, 110, D-56650 Solingen 1, West Germany.

Inventor : MAX LENBKE.

Application for Patent No. 619 DEL 89 filed on 11-7-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110 005.

17 Claims

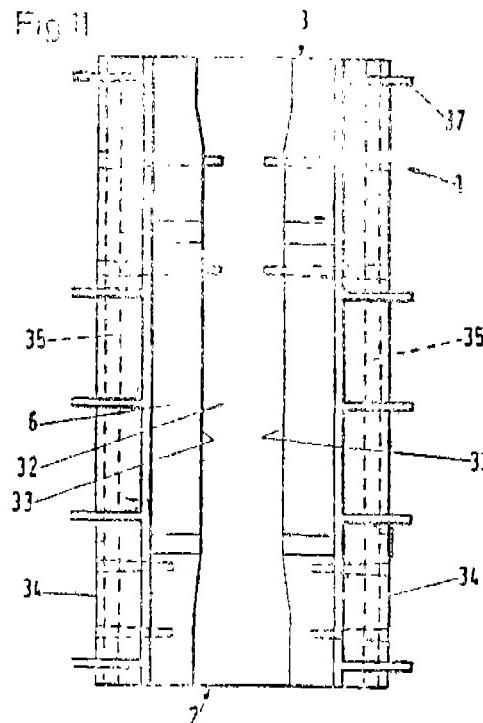
A dispenser for razor blade units, several of which are successively arranged in a dispenser housing in such a way that they rest parallel against one another with said razor blade units being adapted to be removed from, and possibly reinserted in said dispenser housing through a handle to form

a razor, and with an end of said handle, as well as said razor blade units having latching mechanism cooperating with each other, said razor blade units being disposed in said dispense housing in such a way that they can be shifted in their entirety, both perpendicular to their longitudinal dimensions as well as in a plane formed by them, with that moved-up razor blade unit that at any given time is in a forwardmost position being located for removal thereof by said handle in a removal position common for all of said razor blade units and is provided at a removal opening in said dispenser housing;

said dispenser housing consisting of an essentially flat, hollow parallelepiped having an underside and an upperside, said underside of said dispenser housing being completely flat and closed, said dispenser housing having a removal opening disposed at an end of said dispenser housing; and

said upper side of said housing having a guide mechanism disposed on said upper side and parallel to the direction of shift of said razor blade units, said guide mechanism being in the form of rails or channels ending in the vicinity of said removal opening so that when said end of the handle along with said latching mechanism is guided along, said latching mechanism is disengaged and reaches the removal position, said guide mechanism releasing said latching mechanism so that the latter changes into a normally formed latching position, thereby latching with said razor blade unit to be removed.

Fig. 11



(Complete specification 36 Pages Drawings Sheets 7).

Ind. Cl. 178 XXV

173277

Int. Cl.¹ : B28 D 5/00

Method for the manufacture of thin slivers of diamond for use e.g. as surgical blades from an uncut or partially cut ultra hard stone.

Applicant : DE BEERS INDUSTRIAL DIAMOND DIVISION (PROPRIETARY) LIMITED of 45 Main Street, JOHANNESBURG, TRANSVAAL, SOUTH AFRICA.

Inventor : ROBERT CHARLES BURNS, CHARLIE MAURICE LEVITT, GABRIEL SHRASTI TOLKOWSKY.

Application for Patent No. 640 Del 89 filed on 19-7-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110 005.

4 Claims

A method for the manufacture of thin slivers of diamond for use, e.g. as surgical blades, from an uncut or partially cut ultra hard stone which comprises bringing the cutting edge of a diamond compact such as herein described having a thickness of no more than 1 mm into contact with said stone and moving said cutting edge relative to said stone to cause it to kerf or cut such stone thereby providing the desired slivers.

(Complete Specification 5 Pages Drawings Sheets nil).

Ind. Cl. : 80K

173278

Int. Cl.¹ : B81R 35/28

A process for the preparation of thin transparent coloured film filters useful for the determination of anionic and cationic pollutants in aqueous solutions and a device therefor.

Applicant : COUNCIL OF SCIENTIFIC AND RESEARCH R&D, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : GIRISH HIMATLAL PANDYA, BHIMRAO APRAJIT ALDHALE, VIDYADHAR RAGHUNATH BHAVE.

Application for Patent No. 653/Del/89 filed on 25-7-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110 005.

5 Claims

A process for the preparation of thin transparent coloured film filters useful for the determination of anionic and cationic pollutants in aqueous solutions which comprises preparing a solution of a textile dye of appropriate colour depending on ionic pollutant to be determined in water in a concentration ranging from 0.0 to 0.1%, mixing the said solution with a 1.1% solution of gelatin (bacteriological grade), warming the solution if required to make it homogeneous, spreading the solution uniformly on acrylic sheet, drying the sheet in a pollutant free atmosphere for 8-10 hrs and cutting the resultant filters into desired shapes.

(Complete Specification 9 Pages

Drawing Sheet 1)

Int. Cl. A 61 B 8/00, 19/00.

173279

Int. Cl. : 128 K, G XIX (2)

AN APPARATUS FOR PERFORMING BIOLOGICAL ANALYSIS BY CHEMICAL REACTION ON A BLOOD SAMPLE.

Applicant & Inventor : JEAN GUIGAN OF 5, RUE DES URSULINES, 75005 PARIS, FRANCE.

Application for Patent No. 664/Del/89 filed on 26-7-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110005.

7 Claims

An apparatus for performing biological analyses by chemical reaction on a blood sample, wherein said apparatus comprises a block,

a top turntable or "preparation turntable" mounted on said block, one or more radical housings mounted on said top turntable, one or more preparation cartridges supported in said one or more radical housings for delivering at least one calibrated dose of plasma from a blood sample, said housings being rotatable about their own centres;

and radiation incident upon second one of said elements diagonally adjacent to each corresponding one of said elements, to provide an adjusted image signal.

(A) for each corresponding one of said elements.

FIG. 1

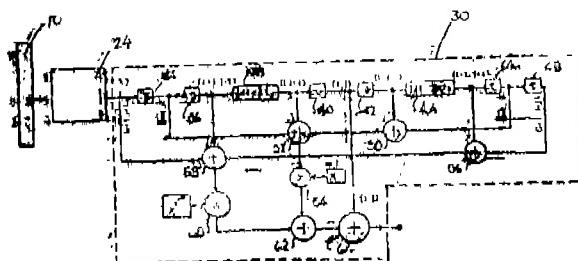
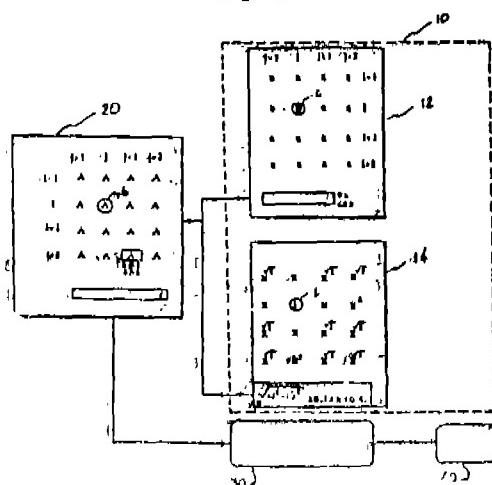


FIG. 2

Compl. specn. : 29 pages

Drawns. 2 sheets

Ind. Cl. : 82F₂₄+32F₂₆

176282

Int. Cl. : C 42 P 13/02.

"A METHOD OF PRODUCING AMIDES".

Applicants : (1) NITTO CHEMICAL INDUSTRY CO. LTD., OF 5-1 MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN, (2) TERUHIKO BEPPU, OF 5-21, HORINOUCHI 1-CHOME, SUGINAMI-KU, TOKYO, JAPAN, (3) HIDEAKI YAMADA, OF 19-1, MATSUBASAKI KINOMOTOCHO, SAKYO-KU, KYOTO-SHI, KYOTO-KU, JAPAN.

Inventors : (1) TERUHIKO BEPPU, (2) HIDEAKI YAMADA; (3) SHUNARU HORINOUCHI; (4) TORU NAGASAWA; (5) MAKOTO NISHIYAMA.

Application No. : 174/Cal/1991 filed on 22nd February, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2. Claims

A method of producing amides which comprises hydrating nitriles to amides using, in the manner such as herein described, a transformant selected from the group of transformants transformed with the recombinant DNA(H) fragment and DNA(H') fragment, both as herein defined, said DNA(H) fragment encoding a polypeptide having nitrile hydratase activity, said polypeptide comprising $\alpha^{(H)}$ -and $\beta^{(H)}$ -subunits of the following amino acid sequences :

 $\alpha^{(H)}$ -subunits

MetSerGluHisValAlaLysTyrThrGluAlaArgThr
LysAlaLeuGluThrLeuLeuTyrGluArgGlyLeuLeuThrPro
AlaAlaValAspArgValValSerTyrTyrGluAlaGluLeuGly
ProMetGlyGlyAlaLysValValAlaLysSerTyrValAspPro
GluTyrArgLysTrpLeuGluGluAspAlaThrAlaAlaMetAla
SerLeuGlyTyrAlaGlyCysGlnAlaHisGlnAlaSerAlaVal
PheAsnAspSerCinThrHisHisValValCysThrLeuCys
SerCysTyrProTrpProValLeuGlyLysProProAlaTrpTyr
LysSerMetGluTyrArgSerArgValValAlaAspProArgGly
ValLeuLysAlaAspPheGlyPheAspAlaProAspGluValGly
ValArgValTrpAspSerSerGluLeuLysTyrIleValIle
ProGluArgProAlaGlyThrAspGlyTyrSerGluGluGluLeu
ThrLysLeuValSerArgAspSerMetAlaGlyValSerAsnAla
LeuThrProGlnGluValIleVal

 $\beta^{(H)}$ -subunits

MetAspGlyIleAlaAspThrGlyGlyMetThrGlyTyrGlyPro
ValProTyrGlnLysAspGluProPhePheAlaTyrGluTrpGly
GlyArgThrLeuSerIleLeuThrTrpMetAlaLeuLysCysIle
24-

SerTyrTrpAspIleSerArgAlaSerGluAspGluSerMetGlyAla
GluAlaTyrValAlaGluLeuArgAspSerTyrTyrThrHisTrp
LeuSerAlaAlaGluArgIleLeuValAlaAspIleIleIleIleIle
GluGluGluArgLysHisArgValGlnGluLeuGluGlyArg
TyrThrAspArgLysProSerArgLysPheAspProAlaGlnAla
GluLysAlaIleGluArgLeuHisGluProHisSerLeuAlaLeu
ProGlyAlaGluProSerPheSerLeuGlyAspLysIleIleVal
LysSerMetAsnProLeuGlyHisThrAspCysProLysTyrVal
ArgAsnLysIleGlyGluLeuValAlaIleTyrAlaGlyCysGlnIle
TyrPheGluSerSerSerAlaGlyLeuGlyAspAspProTrpPro
LeuTyrThrValAlaIlePheSerAlaGlnGluLeuTrpGlyAspAsp
GlyAsnGlyLysAspValValCysValAspLeuTrpGlyProTyr
LeuIleSerAla in a vector as herein described

and / (DNA(L)) fragment encoding a polypeptide having nitrile hydratase activity, said polypeptide comprising $\alpha^{(L)}$ - and $\beta^{(L)}$ -subunits of the following amino acid sequences;

 $\alpha^{(L)}$ -subunits

MetThrAlaIleAlaAsnProValGlnCysThrLeuProAspSerAsn
GluGluLeuAlaAlaArgValLysAlaMetGluAlaIleLeuVal
AspIleGlyLeuIleSerThrAspAlaIleAspAlaMetSerSer
MetTyrGlnAsnGluValGlyProGlnLeuGlyAlaLysIleIle
AlaLysGlyAspTyrValIlePheProGlyPheIleGlnArgLysLeuThr

Asp¹-Ser²-Ala³-Gly⁴-Arg⁵-Glu⁶-Met⁷-Gly⁸-Val⁹-Gly¹⁰-Gly¹¹-Met¹²
 Gly¹³-Gly¹⁴-Glu¹⁵-Met¹⁶-Val¹⁷-Leu¹⁸-Glu¹⁹-Ala²⁰-Thr²¹-Val²²-Ile²³-Ala²⁴
 Met²⁵-Val²⁶-Ile²⁷-Cys²⁸-Ser²⁹-Cys³⁰-Tyr³¹-Pro³²-Trp³³-Pro³⁴-Val³⁵-Leu³⁶
 Gly³⁷-Glu³⁸-Pro³⁹-Asn⁴⁰-Trp⁴¹-Tyr⁴²-Asp⁴³-Ala⁴⁴-Tyr⁴⁵-Arg⁴⁶-Ala⁴⁷-Asp⁴⁸
 Ala⁴⁹-Val⁵⁰-Arg⁵¹-Asp⁵²-Pro⁵³-Gly⁵⁴-Val⁵⁵-Leu⁵⁶-Ala⁵⁷-Glu⁵⁸-Phe⁵⁹-Gly⁶⁰-Tyr⁶¹
 Pro⁶²-Asp⁶³-Pro⁶⁴-Asp⁶⁵-Val⁶⁶-Glu⁶⁷-Ile⁶⁸-Arg⁶⁹-Asp⁷⁰-Ser⁷¹-Ser⁷²-Ala⁷³
 Leu⁷⁴-Arg⁷⁵-Tyr⁷⁶-Ile⁷⁷-Leu⁷⁸-Pro⁷⁹-Gln⁸⁰-Arg⁸¹-Pro⁸²-Ala⁸³-Gly⁸⁴-Thr⁸⁵-Gly⁸⁶-Asn⁸⁷
 Phe⁸⁸-Thr⁸⁹-Gly⁹⁰-Glu⁹¹-Ile⁹²-Ala⁹³-Asp⁹⁴-Leu⁹⁵-Val⁹⁶-Tyr⁹⁷-Arg⁹⁸-Asp⁹⁹-Ser¹⁰⁰
 Ile¹⁰¹-Gly¹⁰²-Val¹⁰³-Ser¹⁰⁴-Val¹⁰⁵-Pro¹⁰⁶-Thr¹⁰⁷-Asp¹⁰⁸-Ser¹⁰⁹-Asp¹¹⁰-Ala¹¹¹

 β (ω)-subunit:

Met¹-Asp²-Gly³-Ile⁴-Ile⁵-Leu⁶-Gly⁷-Gly⁸-Arg⁹-Ala¹⁰-Gly¹¹-Leu¹²-Gly¹³-Pro¹⁴
 Ile¹⁵-Lys¹⁶-Pro¹⁷-Glu¹⁸-Ser¹⁹-Asp²⁰-Glu²¹-Pro²²-Val²³-Phenylalanine²⁴-Ser²⁵-Asp²⁶-Trp²⁷-Gly²⁸
 Arg²⁹-Ser³⁰-Val³¹-Leu³²-Ile³³-Met³⁴-Ala³⁵-Ala³⁶-Leu³⁷-Ala³⁸-Gly³⁹-Ala⁴⁰
 Phe⁴¹-Leu⁴²-Asp⁴³-Gly⁴⁴-Phe⁴⁵-Arg⁴⁶-Ala⁴⁷-Ala⁴⁸-Met⁴⁹-Ala⁵⁰-Glu⁵¹-Gly⁵²-Ile⁵³-Pro⁵⁴
 His⁵⁵-Asp⁵⁶-Tyr⁵⁷-Leu⁵⁸-Thr⁵⁹-Ser⁶⁰-Gln⁶¹-Tyr⁶²-Tyr⁶³-Gly⁶⁴-Ile⁶⁵-Trp⁶⁶-Met⁶⁷-Ile⁶⁸-Ala⁶⁹
 Met⁷⁰-Ile⁷¹-His⁷²-Asp⁷³-Gly⁷⁴-Ile⁷⁵-Glu⁷⁶-Ala⁷⁷-Gly⁷⁸-Ile⁷⁹-Phe⁸⁰-Asp⁸¹-Ser⁸²-Asp⁸³-Glu⁸⁴
 Leu⁸⁵-Asp⁸⁶-Arg⁸⁷-Tyr⁸⁸-Gln⁸⁹-Tyr⁹⁰-Met⁹¹-Asp⁹²-Ala⁹³-Pro⁹⁴-Asp⁹⁵-Asp⁹⁶-Thr⁹⁷
 Thr⁹⁸-Pro⁹⁹-Thr¹⁰⁰-Arg¹⁰¹-Gly¹⁰²-Asp¹⁰³-Pro¹⁰⁴-Gln¹⁰⁵-Leu¹⁰⁶-Val¹⁰⁷-Glu¹⁰⁸-Ile¹⁰⁹-Ser¹¹⁰-Gly¹¹¹
 Leu¹¹²-Ile¹¹³-Thr¹¹⁴-Asp¹¹⁵-Gly¹¹⁶-Ala¹¹⁷-Asp¹¹⁸-Tyr¹¹⁹-Leu¹²⁰-Gly¹²¹-Pro¹²²-Asp¹²³
 Ala¹²⁴-Ala¹²⁵-Phe¹²⁶-Ala¹²⁷-Val¹²⁸-Gly¹²⁹-Asp¹³⁰-Lys¹³¹-Val¹³²-Ile¹³³-Ser¹³⁴-Asp¹³⁵-Ala¹³⁶
 Ser¹³⁷-Pro¹³⁸-Asn¹³⁹-Ala¹⁴⁰-Thr¹⁴¹-Arg¹⁴²-Ala¹⁴³-Gly¹⁴⁴-Tyr¹⁴⁵-Val¹⁴⁶-Arg¹⁴⁷-Gly¹⁴⁸-Arg¹⁴⁹
 Val¹⁵⁰-Gly¹⁵¹-Val¹⁵²-Val¹⁵³-Ile¹⁵⁴-Ile¹⁵⁵-Gly¹⁵⁶-Ala¹⁵⁷-Tyr¹⁵⁸-Val¹⁵⁹-Phe¹⁶⁰-Asp¹⁶¹
 Asp¹⁶² in a vector as herein described.

Compl. specn. 32 pages

Drgs. 12 sheets.

Ind. Cl. :

176283

Int. Cl. : D 01 D 5/08, 1/04.

"A PROCESS FOR PREPARING MODIFIED FIBERS BY MELT-SPINNING POLYAMIDE FIBERS."

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON DELAWARE, UNITED STATES OF AMERICA.

Inventor : SUNDAR MOHAN RAO.

Application No. 279/Cal/91 filed on 11th April 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

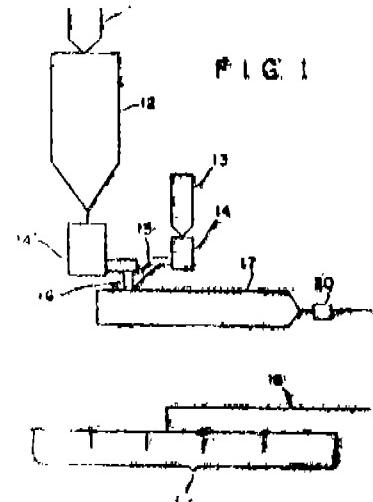
3 Claims

An a process for preparing modified fibers by melt-spinning polyamide fibers including the steps of feeding a first polyamide flake having a first amine-end level into a screw melter extruder, melting the flake and then extruding the molten polyamide into fibers, the improvement for modifying the dyability of the fibers, comprising the steps of :

- (a) co-feeding a second polyamide flake of the same polymer type but having a different amine-end level into

the extruder with the first polyamide flake, the quantity and amine-end level of the second flake being monitored in such a way that when mixed with the first flake a mixture having a predetermined dyability is obtained; and

- (b) mixing and melting in a known manner the two flakes to form a homogeneous molten mixture before extruding the molten mixture into fibers.



Compl. specn. 12 pages

Drags. 1 sheet

Cl. : 76 B

176284

Int. Cl. : F 16 B 2/08

IMPROVED BAND FOR MANUFACTURE OF IMPROVED CLAMP STRUCTURE.

Applicant : HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK OF OBERDORFASTRASSE 21, CH-8812 HORGEN, SWITZERLAND.

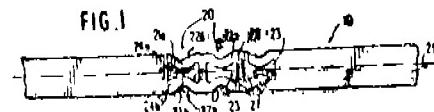
Inventors : HANS OETIKER.

Application No. 405/Cal/91 filed on 29th May, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

25 Claims

An improved band for the manufacture of improved clamp structure, the band having a predetermined width and made from a material substantially devoid of elastic stretchability in its longitudinal direction, especially a clamping band (10) to which elastic stretchability in its longitudinal direction is imparted, characterized in that the band comprise several section (20) imparting elastic stretchability to the band at least one section of the band including non-linear lateral band portions (21a, 21b) formed by cut outs along the side of the bands extending on both sides of the band center longitudinal plane, whereby each lateral band portion (21a, 21b) has a width less than about 35% of the normal width of the band.



(Compl. Specn 31 pages;

Drags. 4 sheets.)

Cl. : 98 C

176285

Int. Cl. : F 28 C3/12, 3/14, 3/16, F. 28 F 1/00

PROCESS OF COOLING HOT PROCESS GASES.

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D-6000, FRANKFURT AM MAIN, WEST GERMANY.

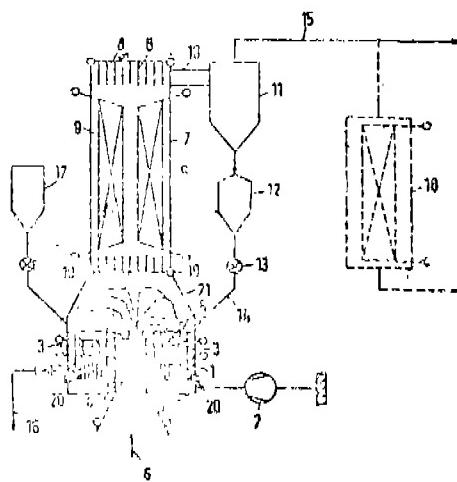
Inventors : MARTIN HIRSCH, WOLFGANG FRANK, MANFRED HEIL.

Application No. 491/Cal/1991 filed on 28th June, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

An apparatus for cooling hot process gases, characterised in that a stationary fluidized bed comprising cooling elements which is contained in an annular trough, fluidizing gas being fed to said fluidized bed through the gas-permeable bottom of the trough, the inflowing process gas being passed through a central opening of said fluidized bed, cooled solids flow into the process gas stream over the inner rim of the trough and being entrained by said process gas stream into the dust-containing space over the top surface of said fluidized bed, the solids removed in the dust-containing space fall back into the annular fluidized bed, the cooled gas which contains the remaining solids being fed to a gas cooler having cooling surfaces, the gas leaving the upper portion of the gas cooler being fed to a deduster, and the solids which have been removed being recycled to the stationary fluidized bed.



(Compl. Specn. 14 pages;

Drgns. 1 sheet.)

Cl. : 3 A

176286

Int. Cl. : A 23 L 2/26

LIQUID AERATING APPARATUS.

Applicant : SODA CLUB HOLDINGS N.V., OF DE RUYTERKADE 62 P.O. BOX 812 CURACAO, NETHERLANDS.

Inventors : PETER WISEBURGH, PETER HULLEY.

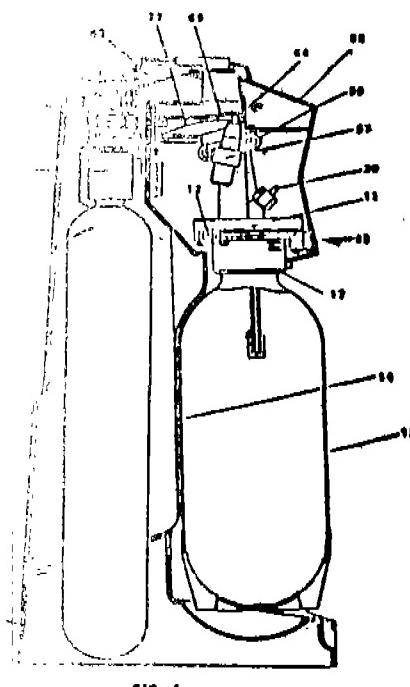
Application No. 613/Cal/1991 filed on 16th August, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 Claims

Apparatus for aerating liquids contained in bottles comprising a reference surface (14) for detecting any irregularity in the shape and/or dimensions of the bottle, means (12), for causing a bottle loaded on the apparatus to come into matching relationship with the reference surface, and safety

means (69,64) for preventing the build-up of pressure or releasing the pressure in the bottle, if the position of the bottle, when in such a relationship with the reference surface, does not correspond or cease to correspond to the position of a bottle having the correct shape and dimensions.



(Compl. Specn. 24 pages;

Drgns. 3 sheets.)

Cl. : 206 E

176287

Int. Cl. : H 04 M 11/06

A PRIVATE COMBINED VOICE AND DATA TELECOMMUNICATION SYSTEM SUITABLE FOR PERFORMING BOTH VOICE AND DATA COMMUNICATIONS OVER THE SAME LINES.

Applicant & Inventor : PANKAJ KUMAR MITRA, OF FLAT NO. 501, MIDDLETON COURT, 4/2 MIDDLETON STREET, CALCUTTA-700 071, WEST BENGAL, INDIA.

Application No. 953/Cal/1991 filed on 27th December, 1991.

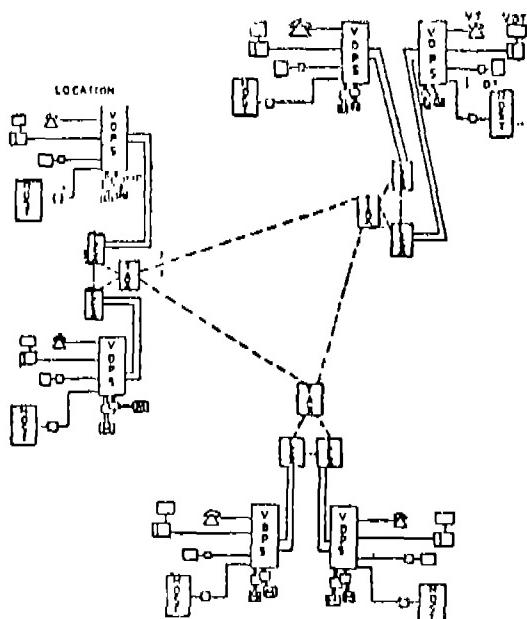
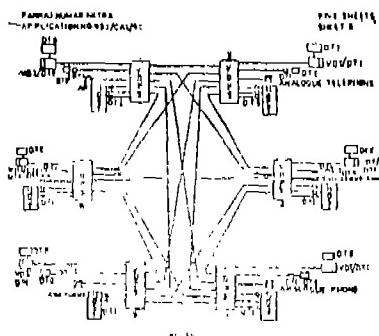
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

6 Claims

A private combined voice and data telecommunication system suitable for performing both voice and data communications over the same lines, comprising :

- (i) own or leased transmission media such as microwave links, directionalised full duplex VHF/UHF radio links, optical fibre cables, copper cables, hired satellite links in cases where terrestrial links cannot be set up;
- (ii) voice-data private switches of individual electronic private automatic exchanges having the capability of switching and communicating both voice and data signals simultaneously, with end-to end digital data connectivity recognising data signals in the form of data instead of digitised analogue signals which may represent either voice or data, and providing the facility for direct inward dialling and modem pooling;

- (iii) Modems for leased lines, having built-in power-increasing capability for overcoming the effect of deteriorating conditions of the lines used for connecting different locations of the system;
- (iv) dial-up modems for connecting remote extensions to the data circuits within the domains of said individual electronic private exchanges and also to the data extensions lying within the domains of different electronic private automatic exchanges across the analogue lines in the wide area networks of the system;
- (v) internal wirings and distribution media comprising cables, cable savers, small cluster switches, and directional full duplex VHF/UHF radio links or other media, for attaining cost effective connections to all the extensions within the individual subscriber premises like factories, plantations, industrial estates, domestic colonies lying in the domains of said individual electronic private automatic exchanges;
- (iv) A comprehensive, multiplatform, data communications and e-mail software which facilitates data communications and e-mail through the system, making possible interactive and non interactive data communications between all computers connected to the network, irrespective of the platforms in which they are operating facilitating networking of computers in an as is where is basis, and enabling e-mail users to send and receive their e-mail from any computer in the network by inputting their user identity and password.



- (c) between 0.25 and 5% of at least one electrolyte selected from salts of phosphoric acid, chromic acid, silicic acid, halides or like inorganic acid salts of nitrogenous compounds such as ammonia, urea, and amine or imine salts or mixtures thereof;
- (d) between 0.25—5% of a surface active agent and, if desired,
- (e) one or more adjuvants, additives or fillers such as herein described, and optionally adding water to the composition for facilitating application thereof after adjusting the pH to around neutral value, the said composition being curable both at ambient temperature as well as at an elevated temperature of between 250°C and 2000°C.

Compl. specn. 12 pages

Drgns. Nil

Int. Cl. : 157 D3

176290

Int. Cl. : E 01 B 27/16.

"A TAMPING ASSEMBLY."

Applicant: FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIE GESELLSCHAFT M.B.H., OF A-1010 WIEN, JOHANNESGASSE 3, AUSTRIA.

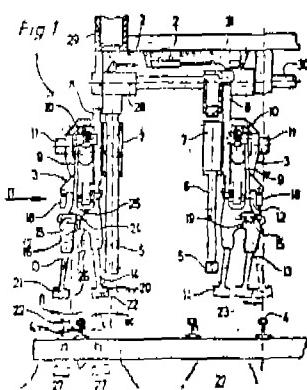
Inventors: ING. THEURER JOSEF, PEITL FRIEDRICH; PRASCHL WILHELM.

Application No. : 641/Cal/92 filed on 4th September, 1992.

Appropriate office for opposition proceedings (Rule 4, Patent rule 1972) Patent Office, Calcutta.

6 Clamis

A tamping assembly (1) for track tamping machines, comprising a total of four tamping units (3) arranged side by side in the transverse direction of the track and transversely displaceable independently of one another by means of drives (2) each having an auxiliary frame (5) with a tool carrier (7) which is mounted for vertical adjustment and two vibratable and squeezable tamping tools (9) mounted thereon and lying opposite one another in the longitudinal direction of the machine, wherein each tamping tool (9) is connected to an outer tamping tine (13) and an inner tamping tine (14), characterised in that the inner tamping tine (14) of each tamping unit (3) which is adjacent to the auxiliary frame (5) is rigidly connected to the tamping tool (9), while the outer tamping tine (13) is pivotable about a longitudinal axis (15) whose swivelling movement is limited by stops (16, 17, 24, 25) from a first tamping position (23) immediately adjacent to the inner tamping tine (14) into a second tamping position (26) suitable for the immersion of the two tamping tines (13, 14) on either side of a rail (4, 32, 33).



Compl. specn. 17 pages

Drgns. 2 sheets

CLAIM UNDER SECTION 20 (1) OF PATENTS ACT, 1970

In pursuance of leave granted under Section 20 (1) of the Patents Act, 1970 application No. 896/DEL/89 of NEIL GEDDES CLARKSON HENDRY, a British citizen of Tilly-soddie, U. K. has been allowed to proceed in the name of BLOCURE LIMITED, U. K., a British company.

In pursuance of leave granted under Section 20 (1) of the Patents Act, 1970 application No. 596/DEL/86 (167752) of PIAGGIO & C. S.P.A., Italy has been allowed to proceed in the name of PIAGGIO VEICOLI EUROPEI S.r.l.

AMENDMENT PROCEEDING UNDER SECTION 57

Notice is hereby given that M/s. Hindustan Lever Ltd., a company incorporated under the Indian Companies Act, 1913 and having its registered office at Hindustan Lever House, 165/166, Backbay Reclamation, Bombay-400020, Maharashtra, India have made an application under Section 57 of the Patents Act, 1970 for amendment of the application for Patent No. 173958 (316/BOM/1991) for "Non-soap detergent compositions". The amendments are in the address for service in the application form. The application for amendment and proposed amendment can be inspected free of charge at the Patent Office Branch, Todi Estate, IIIrd Floor, Sun Mill Compound, Lower Parel (W), Bombay-400013, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file the notice of opposition in the prescribed form-15 alongwith full written statement within three months from the date of this notification at the Patent Office Branch, Bombay.

If full written statement of opposition is not filed with the Notice of opposition it should be filed within one month from the date of filing the said notice of opposition.

Notice is hereby given the PIAGGIO VEICOLI EUROPEI S.P.A. has/have made an application on Form-29 under Section 57 of The Patents Act, 1970 for amendment of specification of their application for Patent No. 596/Del/86 (167752) for "Two-Wheeler Vehicle having a device for locking in particular a crash helmet or any article having like dimensions of a crash helmet to the structure of the vehicle". The amendments are by way of change of name from PIAGGIO VEICOLI EUROPEI S.r.l. to PIAGGIO VEICOLI EUROPEI s.p.A. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given that M/s. Hindustan Lever Ltd., a company incorporated under the Indian Companies Act, 1913 and having its registered office at Hindustan Lever House, 165/166 Backbay Reclamation, Bombay-20, Maharashtra, India have made an application under Section 57 of the Patents Act, 1970 for amendment of the application for Patent No. 174044 (249/BOM/1991) for "Synergistic detergent composition and method for preparing the same". The amendments are in the address for service in the application form. The application for amendment and proposed amendment can be inspected free of charge at the Patent Office Branch, Todi Estate, IIIrd Floor, Sun Mill Compound, Lower Parel (W), Bombay-13 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application

for amendment may file the notice of opposition on the prescribed form 15, alongwith full written statement with three months from the date of this notification at the Patent Office Branch, Bombay.

If full written statement of opposition is not filed with the Notice of Opposition it should be filed within one month from the date of filing the said notice of opposition.

AMENDMENT PROCEEDING UNDER SECTION 78 (1)

In pursuance of Controller's order dated 1st February, 1996, the accepted complete Specification in respect of application for Patent No. 174862 has been amendment as follows :—

- (i) In page No. 3 of the Specification Omit Paragraph No. 5 i.e. the lines 28 to 34 starting with the word "Accordingly" and ending with the words "a cobalt ion".
- (ii) In page No. 4 :—In para-2, incontinuation of the existing line 13 add the following lines after the word 'tuberculoata'. However, any process for the preparation of any amide, aliphatic or aromatic, which will fall within the definition of drug or medicine as defined in Section 2 (1) (1) of the Patents Act, 1970 and any process for preparing nicotinamide or pyrazineamide is specifically and particularly disclaimed. Any thing contained in this description examples or claim relating to any substance falling under Section 2 (1) (1) is disclaimed herein".
- (iii) In page No. 29 of the Specification.

In claim 1 :—

- (a) In line 1 :—add a word "aromatic" before the word "amide".
- (b) In line 2 :—replace the word 'nitrate' by the 'amide' to read as aliphatic amide' at the end of the line.
- (c) In line 3 :—include the words 'excluding nicotinamide and pyrazineamide' after the words "carbon atoms".

In claim 3 :—

- (a) In line 2 :—omit the word 'aromatic' at the beginning of the line.
- (b) In line 3 :—replace formulae 'I to VI' by formulae II to V.

Omit claim No. 4, 5 & 7.

In claim 6 :—

- (a) Read claim '6' as claim '4'.
- (b) In line 2 :—Omit the word 'aliphatic' at the beginning of the line to read as 'nitrite'.

AMENDMENT PROCEEDING UNDER SECTION 57

Notice is hereby given that THE PARKER GROUP, INC. formerly known as PARKER MANUFACTURING COMPANY, U.S.A. has/have made an application on Form-29 under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 302/Del/88 (175119) for "Tool incorporating an anchoring device for bonding said anchoring device to a support surface". The amendments are by way of change of name from PARKER MANUFACTURING COMPANY TO THE PARKER GROUP INC.

The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three

months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given that STANLEY-PARKER, INC. formerly known as THE PARKER GROUP INC (still formerly known as PARKER MANUFACTURING COMPANY) has/have made an application on Form-29 under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 302/Del/88 (175119) for "Tool incorporating an anchoring device for bonding said anchoring device to a support surface". The amendments are by way of change of name from the Parker Group INC. to STANLEY-PARKER INC.

The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given that INTERWOOD PRODUCTS LIMITED, formerly known as Interwood Marketing (Barbados) Limited has/have made an application on Form-29 under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 302/Del/88 (175119) for "Tool incorporating an anchoring device for bonding said anchoring device to a support surface". The amendments are by way of change of name from Interwood Marketing (Barbados) Limited to Interwood Products Limited.

The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given the LIBERTY TECHNOLOGIES, INC., U.S.A. has/have made an application on Form-29 under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 692/Del/88 (175190) for "A Device for measuring and indicating the forces on a valve stem". The amendments are by way of change of name from LIBERTY TECHNOLOGY CENTRE, INC. to LIBERTY TECHNOLOGIES INC.

The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh New Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005.

If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

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PATENT SEALED ON 01-03-96

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 175739*.

CAL—NIL, DEL—32, BOM—03, MAS—NIL

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents, F—Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

- The date shown in the each entries is the date of the registration included in the entries.
- Class 1. No. 169380, Brunswick Bowling & Billiards Corporation, a corporation of the state of Delaware, U.S.A., having a place of business at 525 West Laketon Avenue, P. O. Box 329, Muskegon, Michigan 49443-0329, U. S. A., "A TABLE CUM SEALS", 22nd June 1995.
 - Class 1. No. 169068, Elite Appliances Limited, A 6, South Extension, Part II, New Delhi 101049, India, an Indian company, "HANDLE", 25th April 1995.
 - Class 1. No. 169534, India Sanitary Industries, 1830, Lal Darwaza, Bazar Sirkiwalan, Lal Kuan, Delhi-6, India, an Indian partnership firm, "SPRINKLER", 21st July 1995.
 - Class 1. No. 169458, Gopisetti Venkata Ramana Rao, Indian, Sri Almighty Chemical Works, T1-49, Self Finance Colony, Vanasthalipuram, R. R. District, Hyderabad (AP), India, "INCENSE STICKS STAND", 3rd July 1995.
 - Class 1. No. 169814, Velmor Home Decor Pvt. Ltd. of Dayasagar Industrial Estate, Godder Road, Bhayander (E), Bhayander 401105, Maharashtra, India, Indian company, "WATER VALVE", 7th September 1995.
 - Class 1. No. 169749, Ratilal Jivrajbhil Ramani, an Indian national, trading as ABR ENTERPRISE, at P.O. Veraval (Shaper), Taluka : Kotda Sangani, Gujarat, India, "DOMESTIC FLOUR MILL", 25th August 1995.
 - Class 1. No. 169722, Vuppala Varakumar Gupta, Indian, trading as GTR Antenna Systems, a sole proprietorship concern of Door No. 4-2-726, Near Ramkot Bus Stand, Hyderabad 500001, Andhra Pradesh, India, "TELEVISION ANTENNA", 22nd August 1995.
 - Class 1. No. 168217, Talat Syed, proprietor, Indian national, trading as M/s. Min Home Appliances having office at B 11, Juhu Apartments, Behind Lido Cinema, Juhu, Bombay 400049, Maharashtra, India, "ROTI CHEF (ROTI MAKER)", 23rd May 1995.
 - Class 1. No. 168925, Bajaj Locks (India), C-5, Industrial Estate, Aligarh 202001, U.P., India, an Indian partnership firm, "CYCLE LOCK", 14th March 1995.
 - Class 1. No. 169299 Rosemount Inc., of 12001 Technology Drive, Eden Prairie, Minnesota 55344, U.S.A., a corporation of the State of Minnesota, "TEMPERATURE TRANSMITTER HOUSING", 8th June '95.

T. R. SUBRAMANIAN,
 Controller General of Patents,
 Designs & Trade Marks

प्रबन्धक, भारत सरकार मंदिरालय, फरीदाबाद द्वारा मुद्रित
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